A. G. Contract No. KR 03-0084TRN ADOT ECS File: JPA 02-165 Project: ITS 0204(511) TRACS NO: H6262 01X

511 Evaluation Program

AGREEMENT

BETWEEN
THE ARIZONA DEPARTMENT OF TRANSPORTATION
AND
THE ARIZONA BOARD OF REGENTS
Acting For And On Behalf Of
THE UNIVERSITY OF ARIZONA

THIS AGREEME	ENT is e	entered into		March		t .	,	between
agencies of the	STATE OF	F ARIZONA	, to wit; the	DEPART	MENT OF	TRANSPORTAT	ION (the	∍ "DOT")
and the ARIZON	A BOARD	O OF REGE	NTS acting	for and c	n behalf of	the UNIVERSIT	Y OF A	RIZONA,
(the "University")								

I. RECITALS

- 1. The DOT is empowered by Arizona Revised Statutes Section 28-401 to enter into this agreement and has delegated to the undersigned the authority to execute this agreement on behalf of the DOT.
- 2. The University is empowered by Arizona Revised Statutes Section 15-1626 to enter into this agreement and has by Policy BOR 3-103, a copy of which is attached hereto and made a part hereof, authority to execute this agreement on behalf of the University
- 3 The DOT and the University desire to conduct the 511 Evaluation Program, a national number for road condition information with voice recognition. Program will be conducted generally in accordance with Exhibit A, which is attached hereto and made a part hereof, at an estimated cost to the DOT of \$50,000 00, hereinafter referred to as the Project. The University will perform analysis of DOT's 511 traveler information number from September 1, 2003 through August 31, 2004. The DOT and the evaluation team will develop an evaluation plan in conjunction with the Federal Highway Administration Arizona was selected as a model deployment for the 511 Program, which is funded by the FHWA Model Deployment Grant. The University will collect, review and process all relevant data and will develop a report on 511 Program.

THEREFORE, in consideration of the mutual agreements expressed herein, it is agreed as follows:

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II. SCOPE OF WORK

The DOT will:

- a. Appoint a Project coordinator to interface with the University (UA) relating to the research, development and reporting, and coordinate as necessary and appropriate with the DOT
- b Provide the University with information and data as may be reasonably available to assist in the Project research and development
- c. Reimburse the University within forty-five (45) days after receipt and approval of monthly invoices, in a total amount currently estimated at \$50,000 00

2 The University will:

- a Appoint a Project coordinator to interface with the DOT relating to the research, development and reporting, and coordinate as necessary and appropriate with the DOT.
- b. Perform the research and development generally in accordance with the goals and objectives of the Project, including the development of a final report documenting the program basis, data derived, cost-benefit estimates, recommendations for future testing and implementation, and the other data determined as final results. Such reports will be in a format compliant with the DOT's "Guidelines for Preparing Research Reports."
- c No more often than monthly, invoice the DOT in the form of Exhibit B attached hereto, supported and accompanied by narrative reports and an accounting of monthly costs and expenditures on the Project. Upon completion of the Project, provide the DOT with a detailed final report

III. MISCELLANEOUS PROVISIONS

- 1 Title to all documents, reports and other deliverables prepared by the University in performance of this agreement shall rest jointly with the DOT and the University.
- 2. This agreement shall become effective upon signature by the parties hereto, and shall remain in force and effect until completion of said Project and reimbursements; provided, however, that this agreement may be cancelled at any time prior to the commencement of performance under this agreement, upon thirty (30) days written notice to the other party.
- 3 The parties agree to comply with all applicable state and federal laws, rules, regulations and executive orders governing equal employment opportunity, immigration, nondiscrimination and affirmative action
 - 4 This agreement may be cancelled in accordance with Arizona Revised Statutes Section 38-511
 - 5. The provisions of Arizona Revised Statutes Section 35-214 are applicable to this contract
- 6. In the event of any controversy which may arise out of this agreement, the parties hereto agree to abide by required arbitration as is set forth in Arizona Revised Statutes Section 12-1518 and 12-133 and rules promulgated thereunder

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7. All notices or demands upon any party to this agreement shall be in writing and shall be delivered in person or sent by mail addressed as follows:

Arizona Department of Transportation Joint Project Administration 205 South 17 Avenue, Mail Drop 616E Phoenix, AZ 85007

University of Arizona Sponsored Projects Services PO Box 3308 Tucson, AZ 85722-3308

IN WITNESS WHEREOF, the parties have executed this agreement the day and year first above written.

STATE OF ARIZONA

UNIVERSITY OF ARIZONA

DEPARTMENT OF TRANSPORTATION

By Decarre She LEE ANNE T. PETERS

Contract Officer

Deputy State Engineer

Office of the President



Administration Building PO Box 210066 Tucson, Arizona 85721-0066 (520) 621-5511 FAX (520) 621-9323

April 27, 2001

Dr. Linda Blessing **Executive Director** Arizona Board of Regents 2020 N. Central Avenue Suite230 Phoenix, Arizona 85004-4593

Designation of Signature Authority Re:

Dear Linda:

I certify the enclosed designations pursuant to Board Policy 3-102 (Financial Document Signature Authority), 3-103 (Contracting Signature Authority) and 3-301 (Investment and Safety Deposit Signature Authority). I understand that until now The University of Arizona has designated particular individuals as holding signature authority rather than incumbents of official University positions. With this designation I would like to change that procedure so that the incumbents for the named University of Arizona positions have the delegated authority, irrespective of the person occupying the position.

In each designation, after the identification of the University title to which I have delegated authority, I have listed the name of the current incumbent. However, this is for convenience only. As I indicated, I believe it is appropriate that the positions, rather than the individuals, be designated.

President

PL/idp Attachments

Joel Sideman, Esq. CC:

Judith Leonard, Esq.





DESIGNATION (ABOR - 3-103)

Pursuant to Arizona Board of Regents' Policy 3-103, the undersigned; Peter Likins, President of The University of Arizona, hereby certifies to the Executive Director of the Arizona Board of Regents that he designates the following University officers as authorized signatories to execute contracts and other written instruments on behalf of The University of Arizona and the Arizona Board of Regents, subject to such limitations on signature authority as the undersigned may define from time to time:

- Senior Vice President, Business Affairs (Incumbent Joel D. Valdez) 1)
- Vice President Research and Graduate Studies (Incumbent Richard C. 2) Powell)
- Director, Procurement and Contracting Services (Incumbent Stephen 3) G, Mack)
- Director of Athletics (Incumbent Don J. Livengood, Jr.) 4)
- Senior Vice President for Academic Affairs and Provost, Office of 5) Academic Affairs (Incumbent George H. Davis)
- Director, Research Standards and Compliance (Incumbent Alice C. 6) Langen)
- Sponsored Contract Officer, Office of Research and Contract Analysis 7) (Incumbent Lee Anne T. Peters)
- Director, Office of Research and Contract Analysis (Incumbent Richard 8) A. Haney Jr.)

Director, Office of Technology Transfer (Incumbent Frank J. 9) Hartdegen)

Peter Likins.

President, The University of Arizona

Proposal Cover Page
The University of Arizona
College of Engineering and Mines

Proposal Number:	New		Continuation of:					
03-CEE-152	×		Renewal of:					
Submitted To: Tim Wolfe			Submitted By: Dr Mark D Hickman					
Address: ITD Division/Transportatio Department of Transportati 205 South 17 Avenue, Mai Phoenix, AZ 85007	on		Address: Department of Civil Engineering and Engineering Mechanics P O Box 210072 Tucson, AZ 85721					
Title: Provide an Evaluation of the 511 Model Deployment in Arizona								
Project Director	Departme	ent/Telepho	one	Signature				
Dr. Mark D. Hickman	Civil Engineer (520) 6269426	ring & Engii 0	neering Mechanics	Mark D. Hick				
Co-Investigator(s)	Departme	ent/Telepho	one	Signature				
Administrative Representative(s)	Authorized to	Conduct	Negotiations:					
Name	Department			Telephone				
Peter F Mather Associate Director	Engineering	Experimer	nt Station	(520) 621-7492				
George L Martinez Manager Research Support	Engineering	Experimer	nt Station	(520) 621-5254				
Proposed Start Date: October 1, 20	03		Proposed Duration: 24 Months					
Support Requested: \$50,000								
Authorized Organizational Representative:								
Name: Richard C. Powell			Signature: Richard C Powell Of					
Title: Vice President for Research (520) 626-6000			Date Signed /	7/12/02				

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II. SCOPE OF WORK

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Proposed Budget – ADOT October 1, 2003 – September 30, 2005

Direct Labor M. Hickman, Principal Investigator		
50% One Month Summer	\$3,530	\$3,831
Graduate Assistant I	0.1.036	ው11 <i>ሮግረ</i>
33% Academic Year 100% One Month Summer	\$11,336 \$3,790	\$11,676 \$3,904
10070 One Month Summer	,	m10 411
Total Direct Labor	\$18,656	\$19,411
Payroll, Taxes & Insurance		ውማ <i>ል</i> ን
Faculty @ 19.4%	\$685	\$743 \$499
Graduate Assistant @ 3.2%	\$484	カイブブ
Total PTI	\$1,169	\$1,242
Operations		
Expendable Supplies	\$500	\$500
Travel		
Domestic	\$1,000	\$1,000
Total Direct Costs	\$21,325	\$22,153
Indirect Costs		
15% TDC	\$3,199	\$3,323
Total Budget	\$24,524	\$25,476
Grand Total	\$50,000	